

WHAT IS CLAIMED IS:

1. An image forming apparatus including a plurality of memory media and forming an image in accordance with control codes stored in said plurality of memory media, said image forming apparatus comprising:

a plurality of memory media for storing control codes to control said image forming apparatus, and
10 rewrite means for rewriting the control codes stored in said plurality of memory media,

said rewrite means transferring rewrite execution codes, which are adapted to execute rewrite of the control codes, to predetermined one of said plurality of
15 memory media from an external apparatus, and rewriting the control codes in accordance with the transferred rewrite execution codes.

2. The image forming apparatus according to Claim
20 1, wherein said predetermined memory medium, to which the rewrite execution codes are transferred, is a nonvolatile memory medium.

3. The image forming apparatus according to Claim
25 1, wherein said predetermined memory medium, to which the rewrite execution codes are transferred, is a

volatile memory medium.

4. The image forming apparatus according to Claim 1, wherein the rewrite execution codes include address information for executing rewrite of the control codes, and execute rewrite of the control codes in accordance with the address information.

5. The image forming apparatus according to Claim 1, further comprising image forming control means for controlling an image forming process, and switching means for exclusively changing over whether the image forming process is executed by said image forming control means or rewrite of the control codes is executed by said rewrite means.

6. The image forming apparatus according to Claim 5, wherein said switching means exclusively changes over using a predetermined switch whether the image forming process is executed by said image forming control means or rewrite of the control codes is executed by said rewrite means.

7. The image forming apparatus according to Claim 5, wherein said switching means exclusively changes over in accordance with a predetermined command transmitted

from said external apparatus whether the image forming process is executed by said image forming control means or rewrite of the control codes is executed by said rewrite means.

5

8. A rewrite control method for an image forming apparatus including a plurality of memory media and forming an image in accordance with control codes stored in said plurality of memory media, said rewrite control method comprising:

a storing step of storing control codes to control said image forming apparatus in a plurality of memory media, and

15 a rewriting step of rewriting the control codes stored in said plurality of memory media,

20 said rewriting step comprising the steps of transferring rewrite execution codes, which are adapted to execute rewrite of the control codes, to predetermined one of said plurality of memory media from an external apparatus, and rewriting the control codes in accordance with the transferred rewrite execution codes.

25 9. The rewrite control method for the image forming apparatus according to Claim 8, wherein said predetermined memory medium, to which the rewrite

execution codes are transferred, is a nonvolatile memory medium.

10. The rewrite control method for the image
5 forming apparatus according to Claim 8, wherein said predetermined memory medium, to which the rewrite execution codes are transferred, is a volatile memory medium.

10 11. The rewrite control method for the image
forming apparatus according to Claim 8, wherein the rewrite execution codes include address information for executing rewrite of the control codes, and execute rewrite of the control codes in accordance with the 15 address information.

12. The rewrite control method for the image
forming apparatus according to Claim 8, further comprising an image forming control step of controlling
20 an image forming process, and a switching step of exclusively changing over whether the image forming process is executed by said image forming control step or rewrite of the control codes is executed by said rewriting step.

25

13. The rewrite control method for the image

09215154-1986
forming apparatus according to Claim 12, wherein said
switching step exclusively changes over using a
predetermined switch whether the image forming process
is executed by said image forming control step or
5 rewrite of the control codes is executed by said
rewriting step.

14. The rewrite control method for the image
forming apparatus according to Claim 12, wherein said
10 switching step exclusively changes over in accordance
with a predetermined command transmitted from said
external apparatus whether the image forming process is
executed by said image forming control step or rewrite
of the control codes is executed by said rewriting step.

15. *Handwritten signature* 15. An image forming apparatus forming an image
in accordance with control codes stored in a memory
medium, said image forming apparatus comprising:
a memory medium for storing control codes, to

20 control said image forming apparatus; and

rewrite means for rewriting the control codes
stored in said memory medium,

25 said rewrite means obtaining rewrite execution
codes, which are adapted to execute rewrite of the
control codes, from an external apparatus, and receiving
the control codes from the external apparatus to rewrite

Sub A31
the control codes in accordance with the obtained
rewrite execution codes.

16. The image forming apparatus according to Claim
5 15, wherein said rewrite execution codes are transferred
to a nonvolatile memory medium.

17. The image forming apparatus according to Claim
15, wherein said rewrite execution codes are transferred
10 to a volatile memory medium.

18. The image forming apparatus according to Claim
15, wherein the rewrite execution codes include address
information for executing rewrite of the control codes,
15 and execute rewrite of the control codes in accordance
with the address information.

19. The image forming apparatus according to Claim
15, further comprising image forming control means for
20 controlling an image forming process, and switching
means for exclusively changing over whether the image
forming process is executed by said image forming
control means or rewrite of the control codes is
executed by said rewrite means.

25

20. The image forming apparatus according to Claim

Sub A 3

19, wherein said switching means exclusively changes over using a predetermined switch whether the image forming process is executed by said image forming control means or rewrite of the control codes is 5 executed by said rewrite means.

21. The image forming apparatus according to Claim 19, wherein said switching means exclusively changes over in accordance with a predetermined command transmitted from said external apparatus whether the image forming process is executed by said image forming control means or rewrite of the control codes is 10 executed by said rewrite means.

15 22. A rewrite control method for an image forming apparatus forming an image in accordance with control codes stored in a memory medium, said rewrite control method comprising:

20 an obtaining step of obtaining rewrite execution codes, which are adapted to execute rewrite of control codes to control said image forming apparatus, from an external apparatus;

25 a rewriting step of receiving the control codes from the external apparatus, in accordance with the rewrite execution codes obtained by said obtaining step, and rewriting the control codes stored in said memory

Sub A3
medium.

23. The rewrite control method for the image forming apparatus according to Claim 22, further comprising a transfer step of transferring the rewrite execution codes to a nonvolatile memory medium.

24. The rewrite control method for the image forming apparatus according to Claim 22, further comprising a transfer step of the rewrite execution codes to a volatile memory medium.

25. The rewrite control method for the image forming apparatus according to Claim 22, wherein the rewrite execution codes include address information for executing rewrite of the control codes, and execute rewrite of the control codes in accordance with the address information.

26. The rewrite control method for the image forming apparatus according to Claim 22, further comprising an image forming control step of controlling an image forming process, and a switching step of exclusively changing over whether the image forming process is executed by said image forming control step or rewrite of the control codes is executed by said

Sub A3 7

rewriting step.

27. The rewrite control method for the image forming apparatus according to Claim 26, wherein said switching step exclusively changes over using a predetermined switch whether the image forming process is executed by said image forming control step or rewrite of the control codes is executed by said rewriting step.

10

28. The rewrite control method for the image forming apparatus according to Claim 26, wherein said switching step exclusively changes over in accordance with a predetermined command transmitted from said external apparatus whether the image forming process is executed by said image forming control step or rewrite of the control codes is executed by said rewriting step.

Jack Box

Add 127

Add ~~Ex~~